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A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H01G9/04 H01G9/00					
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WPI Data, EPO-Internal, PAJ					
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT		Delevent to alete Me		
Category *	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.		
A .	WO 02 063645 A (OHTA TERUTO ;SAKA (JP); MONDEN RYUJI (JP); SHOWA DE 15 August 2002 (2002-08-15) cited in the application the whole document	I ATSUSHI NKO KK)	1-28		
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Information on patent family members

International Application No PCT/JP 03/11058

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02063645 A	15-08-2002	WO 02063645 A1 JP 2003096599 A	15-08-2002 03-04-2003